

Abstract of the Disclosure

Various embodiments are described to address the need for providing

5 substantially reduced PTT call setup times and more efficient wireless bandwidth utilization for PTT sessions utilizing an IP-based protocol. The use of non-IP messaging between an originating MS (101) and PCF (131) and a target MS (102) and PCF (132), the use of IP-based messaging between the PCFs, the use of access channel signaling by the originating MS, and the

10 generation of SIP responses by a target PCF on behalf of the target MS are described. Embodiments incorporating some or all of these protocol changes, can provide either, or both, reduced end-to-end call setup time for PTT as it presently exists in IS-2000 systems or reduced bandwidth consumption.